| -     |    |    |   |  |
|-------|----|----|---|--|
| SHEET | _1 | OF | 1 |  |

## FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

|                        | ·- <del></del>   |
|------------------------|------------------|
| ATTORNEY DOCKET NO.    | APPLICATION NO.  |
| B-0103.28              | To Be Assigned A |
| APPLICANT              | 123.<br>01       |
| William F. Harris, Jr. | ≥ <u>C</u> = 3c  |
| FILING DATE            | GROUP            |
| To Be Assigned         | To Be Assigned   |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |       | Ī | OC<br>NU |   |   | T |   | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|-------|---|----------|---|---|---|---|----------|--------------------|-------|----------|-------------------------------|
| PT                  | 4     | 1 | 7        | 6 | 1 | 0 | 7 | 11/27/79 | Buckman et. al.    | 260   | 29.6E    |                               |
|                     | <br>4 | 3 | 3        | 6 | 1 | 4 | 5 | 06/22/82 | Briscoe            | 252   | 8.55R    |                               |
|                     | 4     | 4 | 2        | 5 | 2 | 4 | 1 | 01/10/84 | Swanson            | 252   | 8.5C     |                               |
|                     | 4     | 4 | 5        | 3 | 9 | 7 | 9 | 06/12/84 | DeMasi, et al.     | 106   | 188      |                               |
|                     | <br>4 | 5 | 6        | 6 | 9 | 7 | 7 | 01/28/86 | Hatfield           | 252   | 8.5C     |                               |
|                     | <br>4 | 7 | 5        | 4 | 0 | 2 | 7 | 06/28/88 | Applegren          | 536   | 114      |                               |
|                     | <br>4 | 7 | 9        | 9 | 9 | 6 | 2 | 01/24/89 | Ahmed              | 106   | 188      |                               |
|                     | <br>5 | 0 | 8        | 0 | 7 | 1 | 7 | 01/14/92 | Young              | 106   | 197.1    |                               |
|                     | 5     | 0 | 9        | 1 | 4 | 4 | 8 | 02/25/92 | Hostettler, et al. | 524   | 45       |                               |
|                     | <br>5 | 2 | 4        | 6 | 4 | 9 | 0 | 09/21/93 | Kehoe, et al.      | 106   | 189      |                               |
|                     | <br>5 | 3 | 6        | 2 | 3 | 1 | 2 | 11/08/94 | Skaggs, et al.     | 106   | 189      |                               |
|                     | <br>5 | 4 | 8        | 7 | 7 | 7 | 7 | 01/30/96 | Lundan, et al.     | 106   | 188      |                               |
|                     | <br>5 | 9 | 3        | 2 | 1 | 9 | 3 | 08/03/99 | Lopez, et al.      | 424   | 52       |                               |
|                     | 5     | 9 | 6        | 9 | 0 | 1 | 2 | 10/19/99 | Harris, Jr.        | 524   | 55       |                               |
|                     | 5     | 9 | 8        | 5 | 8 | 0 | 1 | 11/16/99 | Hoff               | -4    |          |                               |

## FOREIGN PATENT DOCUMENTS

|              |   | DOCUMENT<br>NUMBER |   |   |   |          |          | DATE        | COUNTRY        | CLASS    | SUBCLASS | TRANS                                 | LATION |
|--------------|---|--------------------|---|---|---|----------|----------|-------------|----------------|----------|----------|---------------------------------------|--------|
|              |   |                    |   |   |   | _        | 05/01/50 | 77 '- 177'  | 4.57           |          | YES      | NO                                    |        |
| <br>         | 1 | 3                  | 6 | 3 | 1 | 8        | 2        | 05/01/72    | United Kingdom | A5B      | 772      | X                                     |        |
|              | - | -                  | H |   |   |          |          | <del></del> |                | <u> </u> |          |                                       |        |
|              |   | <b>_</b>           | _ |   |   | <u> </u> |          |             |                |          |          |                                       |        |
|              | - | <del> </del>       |   |   |   |          |          |             |                | <u> </u> |          | · · · · · · · · · · · · · · · · · · · |        |
| <br><u> </u> |   |                    |   |   |   | ш        |          |             | <u> </u>       |          |          |                                       | l      |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED
6/02 EXAMINER

P. TUCKER